REMARKS

Claims 1-7 are pending. Claim 1 has been amended with this response. It will be appreciated that the amendment to claim 1 has been made to address a spelling error and does not alter the scope of the claim. Because the amendment does not alter the scope of the claim 1, entry of the amendment after the final rejection is believed to be proper for reducing the number of outstanding issues. Reconsideration of the application is respectfully requested for at least the following reasons.

I. REJECTION OF CLAIMS 1-7 UNDER 35 U.S.C. § 103(a)

Claim 1-7 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent Publication No. 2005/0053037 (Ginzburg et al.) in view of U.S. Patent No. 7,382,788 (Furey et al.). Withdrawal of the rejection is respectfully requested for at least the following reason.

i. Furey et al. fail to teach that for at least one of a plurality of pieces of frame data, converting begins prior to having received all of the plurality of pieces of frame data of the MSDU, as recited in claim 1.

Claim 1 refers to a method for transmitting a MAC service data unit (MSDU) in a network system, comprising converting any received piece of frame data into a MAC protocol data unit (MPDU) and outputting the MPDU every time a piece of frame data is received, wherein for at least ***one of the plurality of pieces of frame data, converting begins prior to having received all of the plurality of pieces of frame data*** of the MSDU.

The Office Action concedes that the primary reference, Ginzburg et al., fails to teach that conversion begins prior to having received all of the plurality of pieces of frame data, but claims that this aspect of claim 1 is taught by Furey et al. (*See, O.A. of 10/01/09*, p. 3, lns. 3-9). However, as will be more fully appreciated below, the cited art

fails to teach ***converting any received piece of frame data into a MAC protocol data unit (MPDU), wherein conversion begins prior to having received all of the plurality of pieces of frame data***.

More particularly, Furey et al. teach a method for bridging network protocols. (*See, e.g.*, abstract). The method comprises processing data frames using a protocol bridge, wherein a frame is processed/translated ***before the entire frame is received***. (*See, e.g.*, col. 16, lns. 16-21). Shortly after a frame begins to be received it is allocated to a buffer, from which an internal embedded processor (PRC) 20 begins to perform protocol translation functions. (*See, e.g.,* Figs. 2A-2B; col. 17, lns. 9-11). Once protocol translation functions are completed, a transmit side hardware may begin sending the payload of a frame ***that has not yet been completely received***. (*See,* col. 17, lns. 19-25).

In contrast, one skilled in the art would appreciate that the MSDU, recited in claim 1, is comprised of a plurality of individual pieces of frame data. Claim 1 states that converting any received piece of frame data begins ***prior to all of a plurality of pieces of frame data***, comprising a MSDU, being received. In one non-limiting example, data transmission may begin after one of a plurality of pieces of frame data are received, which ***is different than beginning transmission prior to receiving an entire data frame***, as taught by Furey et al. As recited in claim 1, ***an entire piece of frame data is received*** and converted into a MPDU, that is transmitted over a wireless network, thereby allowing a MSDU to be transmitted over a wireless network as a plurality of MPDUs respectively converted from entire pieces of frame data.

Accordingly, the method taught by Furey et al., wherein translation and transmission begin prior to a data frame being completely received, does not teach over claim 1, wherein entire pieces of frame data, comprising a portion of an MSDU, are received and converted to MPDUs ***prior to receiving all of a plurality of pieces of frame data of an MSDU***. Therefore, Furey et al. fail to teach wherein for at least one

of the plurality of pieces of frame data, converting begins ***prior to having received all of the plurality of pieces of frame data of the MSDU***. Accordingly, withdrawal of the rejection of claim 1 is respectfully requested.

Claim 4 relates to a network device comprising a control circuit configured to begin converting ***at least one received piece of frame data*** into a corresponding MPDU prior to having received all of the plurality of pieces of frame data of the MSDU. As stated above, the cited art fails to teach this aspect of the present invention. Accordingly, withdrawal of the rejection is respectfully requested.

Claim 7 relates to a device comprising a controller configured to begin converting ***at least one received piece of data into a corresponding MPDU*** prior to having received all the plurality of pieces of data of the MSDU. As stated above, the cited art fails to teach this aspect of the present invention. Accordingly, withdrawal of the rejection is respectfully requested.

Claims 2-3 depend upon claim 1 and add further limitations thereto. Claims 5-6 depend upon claim 4 and add further limitations thereto. Because the combination of Ginzburg et al. and Furey et al. does not teach the present invention of claims 1, 4, or 7, claims 2-3 and 5-6 are also not taught by the cited art. Accordingly, withdrawal of the rejection is respectfully requested.

II. CONCLUSION

For at least the above reasons, the claims currently under consideration are believed to be in condition for allowance.

Should the Examiner feel that a telephone interview would be helpful to facilitate favorable prosecution of the above-identified application, the Examiner is invited to contact the undersigned at the telephone number provided below.

Should any fees be due as a result of the filing of this response, the Commissioner is hereby authorized to charge the Deposit Account Number 50-1733, INFAP140US.

Respectfully submitted,
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